IN THE CLAIMS

Please cancel claim 6, without prejudice or disclaimer.

1. (previously presented) Electric wire comprising:

a conducting metal able to continually conduct a current, the outer surface of which is covered in a layer of alloy containing tin, antimony and copper.

2. (previously presented) Wire according to claim 1 in which said alloy consists of: tin 74%-98.9%, antimony 1%-10% and copper 0.1%-10%, said quantities being expressed in weight.

3. (previously presented) Wire according to claim 2 in which said alloy consists of: tin 95%, antimony 4% and copper 1%, said quantities being expressed in weight.

4. (previously presented) Wire according to claim 1 in which said wire is a metal wire able to conduct the current.

5. (previously presented) Wire according to claim 4 in which said metal wire is a copper wire.

6. (canceled).

7. (previously presented) Use of a wire according to claim 1 for the production of connection cables for low level signals, connection cables for power supply, printed circuit tracks and coupling, signal, pulse and power transformers, dipole, array and microstrip antennae, connectors for signals or power supply and for electromagnetic screens.

8. (previously presented) The wire of claim 1, wherein the wire is incorporated into a device selected from the group consisting of connection cables for low level signals, connection cables for power supply, printed circuit tracks, coupling transformers, signal transformers, pulse transformers, and power transformers, dipole antennae, array antennae, and microstrip antennae, and connectors for signals or power supply and for electromagnetic screens.

9. (previously presented) Power transformer for electric distribution network, the windings of which are made of a wire according to claim 1.

10. (previously presented) Transformer according to claim 7 including a dielectric sheath made of black silk, woven over the wire itself.